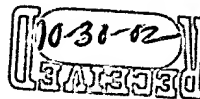


Official



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chennakeshu, S.)
Serial No.: 09/237,356) Examiner: Kumar, P.
Filing Date: January 26, 1999) Art Unit: 2631
Title: Reduced Complexity MLSE Equalizer For)
M-ary Modulated Signals)

Commissioner for Patents
Washington, D.C. 20231

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CERTIFICATE OF FACSIMILE MAILING	
I hereby certify that this correspondence is being sent via fax to the United States Patent and Trademark Office, Fax No. 703-872-9314 on the date indicated below.	
Signature:	<u>Lillian Glenn</u>
Printed Name: <u>Lillian Glenn</u>	Date: <u>10/30/02</u>

Sir:

AMENDMENT/RESPONSE

This paper is being proposed in response to the Final Office Action mailed September 9, 2002. As this response has been filed within two months of the date of mailing of the final office action, an advisory opinion is expected.

In the Claims:

1. (Twice Amended) In a receiver, a method for determining a branch metric in a nonlinear maximum-likelihood sequence-estimation equalizer